

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241 1980

DISTRICT II

811 South First St. Artesia NM 88210 2835

DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

San Juan 28-7 Unit

168

Section 6, T-27-N, R-7-W, A

Rio Arriba

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073 Property Code 016608 API NO. 30-039-20695

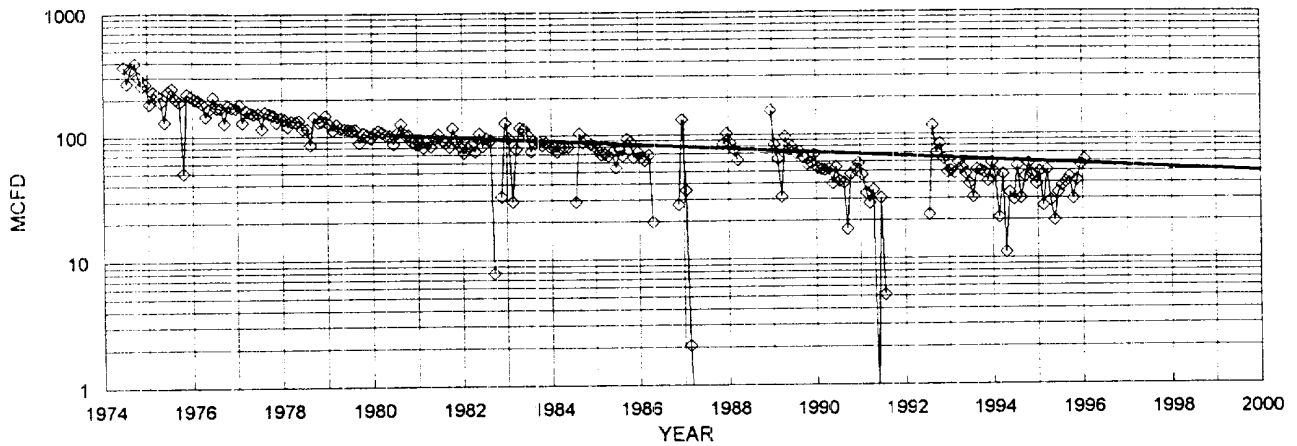
Spacing Unit Lease Types: (check 1 or more)

Federal ☒ , State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Basin Fruitland Coal 71629		Blanco PC South 72439
2. TOP and Bottom of Pay Section (Perforations)	2493-2662'		2690-2730'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	To Flow		Flowing
5. Bottomhole Pressure	a (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	432		331
Gas & Oil - Flowing: Measured Current	b(Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	1167		1119
6. Oil Gravity (*API) or Gas BT Content	1200		1138
7. Producing or Shut-in?	To be completed		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-In give date and oil/gas/ water rates of last production	Date Rates	Date Rates	Date Rates

Note For new zones with no production history applicant shall be required to attach production estimates and supporting data

**SAN JUAN 28-7 NO. 168 PICTURED CLIFFS PRODUCTION
SECTION 6A-27N-07W**



◇ PICTURED CLIFFS MCFD — FIT MCFD

PC HISTORICAL DATA:

1ST PROD: 06/74

OIL CUM: 0.00 MBO
GAS CUM: 685.6 MMCF
CUM OIL YIELD: 0.0000 BBL/MCF
OIL YIELD: 0.0000 BBL/MCF, LAST 3 YRS
AVG. USED: 0.0000 BBL/MCF

PC PROJECTED DATA

1/1/98 Q1: 53 MCFD
DECLINE RATE: 3.7% (EXPONENTIAL)

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

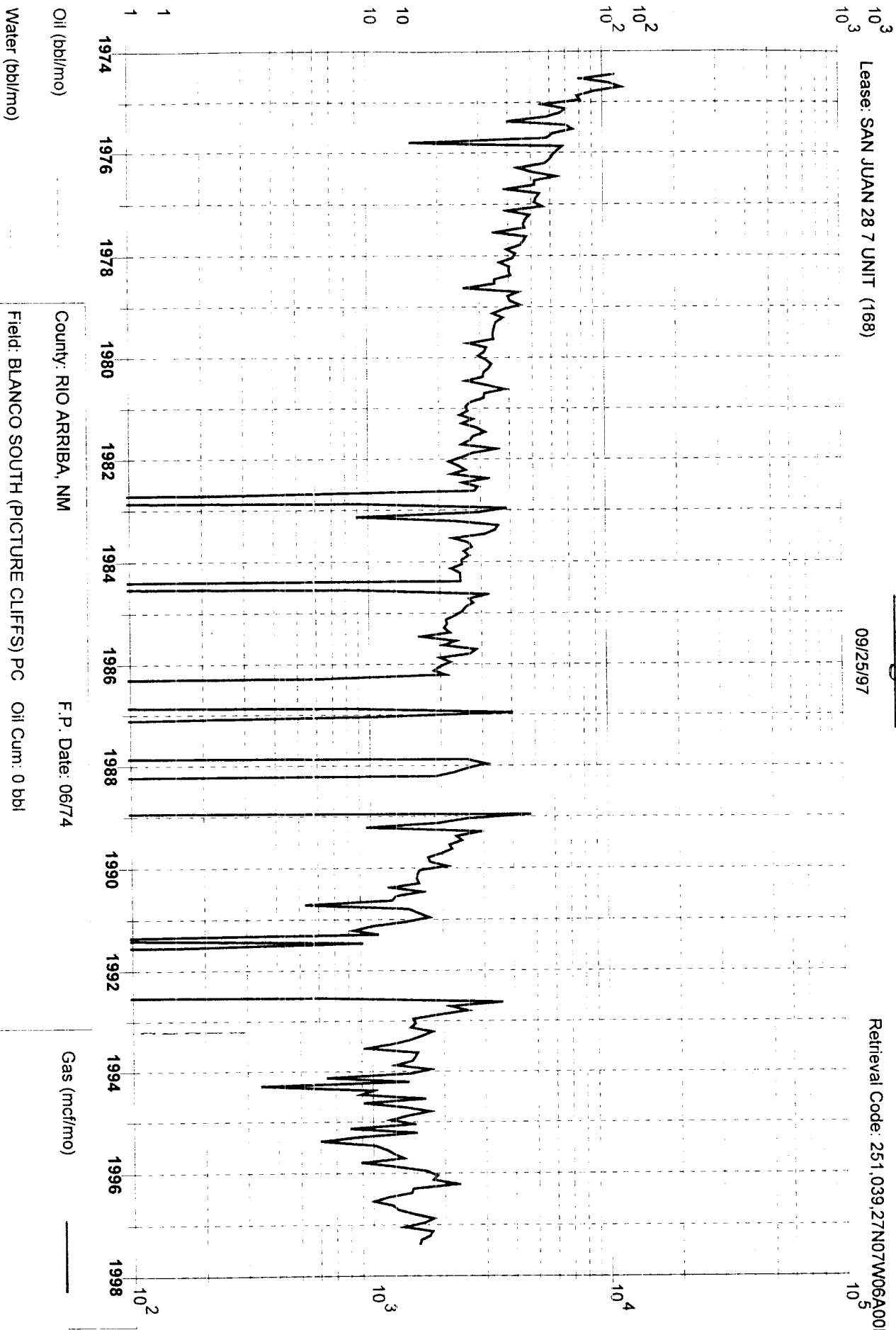
YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPD
1998	51.8	0.0
1999	49.9	0.0
2000	48.1	0.0
2001	46.3	0.0
2002	44.6	0.0
2003	42.9	0.0
2004	41.3	0.0
2005	39.8	0.0
2006	38.3	0.0
2007	36.9	0.0
2008	35.6	0.0
2009	34.2	0.0
2010	33.0	0.0
2011	31.8	0.0
2012	30.6	0.0
2013	29.4	0.0
2014	28.4	0.0
2015	27.3	0.0
2016	26.3	0.0
2017	25.3	0.0
2018	24.4	0.0
2019	23.5	0.0
2020	22.6	0.0
2021	21.8	0.0
2022	21.0	0.0
2023	20.2	0.0
2024	19.4	0.0
2025	18.7	0.0
2026	18.0	0.0
2027	17.4	0.0
2028	16.7	0.0
2029	16.1	0.0
2030	15.5	0.0
2031	14.9	0.0
2032	14.4	0.0

Dwights

Lease: SAN JUAN 28 7 UNIT (168)

09/25/97

Retrieval Code: 251.039.27N07W06A00PC



County: RIO ARriba, NM

F.P. Date: 06/74

Field: BLANCO SOUTH (PICTURE CLIFFS) PC

Oil Cum: 0 bbl

Reservoir: PICTURE CLIFFS

Gas Cum: 682.6 mmcf

Operator: CONOCO INC

Location: 6A 27N 7W

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994
instructions on back

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd. Aztec, NM 87410

PO Box 2088
Santa Fe, NM 87504-2088

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-20695		2 Pool Code 71629	3 Pool Name Basin Fruitland Coal
4 Property Code 016608	5 Property Name San Juan 28-7 Unit		6 Well Number 168
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 6175' GL

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	6	27N	7W		1150	North	910	East	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature Kay Maddox Printed Name Title Regulatory Agent Date January 8, 1998	
	18 SURVEYOR CERTIFICATION	
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
	Date of Survey Signature and Seal of Professional Surveyor:	
	Certificate Number	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
1-73

El Paso Natural Gas Company

San Juan 28-7 Unit (SF-073835-A) 168

A

6

27N

7W

Rio Arriba

1150

North

910

East

So. Blanco Pictured Cliffs

6175

Pictured Cliffs & Chacra

Undesignated Chacra

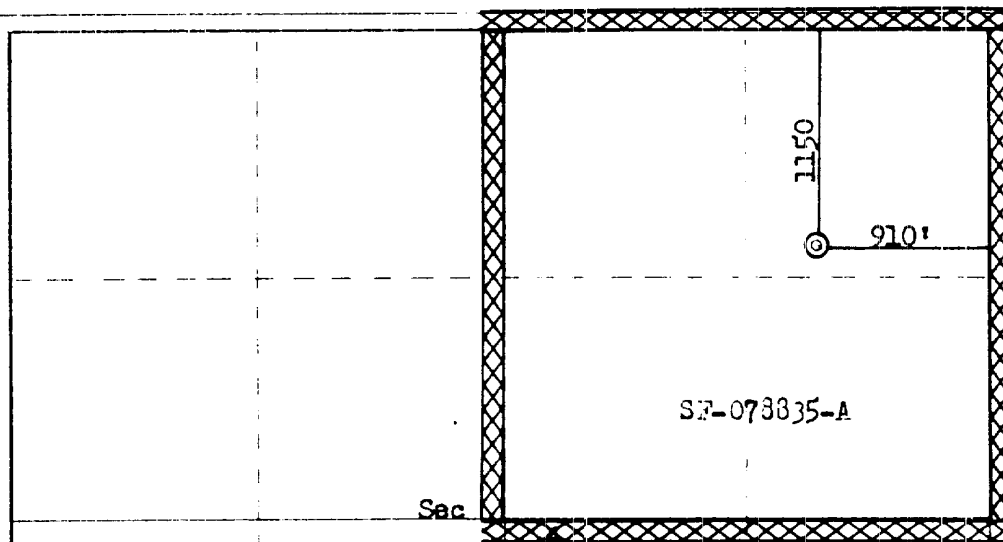
160.60

1. Outline the acreage dedicated to the subject well by colored pencil or hatch marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership there (including its working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced-pooling, etc?

☒ Yes ☐ No If answer is "yes" type of consolidation: Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. Use reverse side of this form if necessary.

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Original Signed by

D. G. Brisco

Drilling Clerk

El Paso Natural Gas Co.

July 9, 1973

I hereby certify that the well location and acreage dedication shown on this plat is correct and that the same are in accordance with the provisions of the New Mexico Oil Conservation Act.

June 22, 1973

Fred B. Ferrer

3950



Mid-Continent Region
Exploration/Production

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

Downhole Commingle Application - C107A
San Juan Unit 28-7 Well #'s 146, 161, 168, 245

RE: Notification of Offset Operators

Conoco, Inc. is the only offset operator of the above listed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF 078835A
2. Name of Operator CONOCO INC.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage Sec., T. R. M. or Survey Description) Section 6, T-27-N, R-7-W, A 1150' FNL & 910' FEL	8. Well Name and No. San Juan 28-7 Unit # 168
	9. API Well No. 30-039-20695
	10. Field and Well Name Basin Fruitland Coal, Blanco PC South
	11. County or Parish, State Rio Arriba

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Downhole Commingle	<input type="checkbox"/> Dispose Water

(Note: Report result of multiple completion well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to Downhole Commingle the Fruitland Coal & the Pictured Cliffs in this well.

**** Approval required

14. I hereby certify that the foregoing is true and correct
Signed Kay Maddox Title Regulatory Agent Date January 7, 1998
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

DATE IN	SUSPENSE	ENGINEER	LOGGED BY	TYPE
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Kay Maddox

Print or Type Name

Signature

Kay Maddox

Regulatory Agent

Title

1/6/98

Date